

2. 16. (New) The method of claim 15, wherein the forward compensating includes forming a capacitor by using additional parallel conductive lines on the circuit board, and the reverse compensating includes forming a capacitor by using additional parallel lines on the circuit board.

3. 17. (New) A connector arrangement for compensating cross-talk, comprising:
a circuit board with front and rear terminals;
a plurality of pairs of conductors disposed on the circuit board, the pairs of conductors connecting to respective front and rear terminals, each pair of conductors including a ring conductor and a tip conductor, and the ring and tip conductors being substantially disposed in parallel;
a forward-compensating capacitance for compensating unbalanced capacitance, proximate the front terminals; and
a reverse-compensating capacitance for compensating unbalanced capacitance and inductance caused by the forward-compensating capacitance, proximate the rear terminals.

Sub A 18. (New) The method of claim 17, wherein the forward-compensating capacitance is formed by using additional parallel conductors on the circuit board, and the reverse-compensating capacitance is formed by using additional parallel conductors on the circuit board.

3. 19. (New) The connector arrangement of claim 17, wherein the front terminals include contact springs.